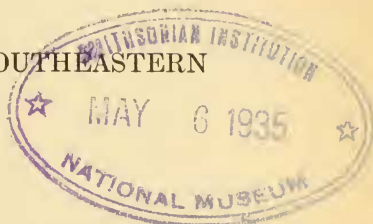


PROCEEDINGS  
OF THE  
BIOLOGICAL SOCIETY OF WASHINGTON

TWO NEW FORMS OF BIRDS FROM SOUTHEASTERN  
SIAM.<sup>1</sup>

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Further work upon the birds collected by Dr. Hugh M. Smith in Siam has revealed the two following forms, herewith described. The first is a woodpecker and the second a broad-bill, both birds of rather wide distribution.

*Cirropicus chlorolophus conjunctus*, subsp. nov.

*Type*.—Adult male, U. S. National Museum, no. 333744, Kao Sabab, southeastern Siam, October 28, 1933. Collected by Hugh M. Smith (original no. 6561).

Similar to *Cirropicus chlorolophus chlorolophoides* (Gyldenstolpe) of northern Siam, but lighter above and below; the nuchal crest averaging a lighter yellow; averaging smaller, especially the bill. Wing 132; tail 85.5; culmen 26.5.

*Remarks*.—This form is founded on twelve specimens from eastern and southeastern Siam. They have been compared with ten males and twelve females from northern Siam and while the differences are not great, they are fairly constant. There is some overlapping in the measurements, but it is to be expected in closely related forms.

Six males of *C. c. conjunctus* measure: wing 127.5-137.5 (132.4); tail 80-90.5 (86.4); culmen 24.5-26.5 (25.7).

Ten males of *C. c. chlorolophoides* measure: wing 131.5-142 (135.8); tail 85-96 (89.9); culmen 24.5-30.5 (27.8).

Two males of *Cirropicus chlorolophus krempfi* (Delacour and Jabouille) from Trang Bom, Cochinchina, are similar to *C. c. conjunctus*, but the wings are somewhat smaller and the lower parts are darker. They measure: wing 126-129; tail 85-90; culmen 24.5-26.

The specimens of *C. c. conjunctus*, collected by Dr. Smith, are from the following localities: Lat Bua Kao; Pang Sok; Sak Keo, near Krabin; Nong Khor, near Sriracha; Huey Yang, Sriracha; Kao Seming, Krat; and Kao Sabab.

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***Psarisomus dalhousiae cyanicauda*, subsp. nov.**

*Type*.—Adult male, U. S. National Museum, no. 333786, Kao Sabab, southeastern Siam, November 9, 1933. Collected by Hugh M. Smith (original number 6704).

Similar to *Psarisomus dalhousiae dalhousiae* from northern and western Siam, but darker, less yellowish green above; below the green has a bluish cast; tail darker, near Paris blue instead of Italian blue; the green edges to the outer webs of the outer tail-feathers reduced and confined to two or three feathers. Wing 97.5; tail 122.5; culmen 18.5.

*Remarks*.—In his two visits to Kao Sabab Dr. Smith secured five males and four females. This series has been compared with a series of nine males and four females from the northern part of its range (northern, central, and western Siam, and eastern Burma). There seems to be little difference in size between the two series. A male and female from Dran, southern Annam, is closer to this form than the northern bird and may provisionally be placed here.